



CP/1636

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : David A. Wright et al.
Serial No. : 09/586,106
Filed : June 2, 2000
Title : PLANT RETROELEMENTS AND METHODS RELATED THERETO

Art Unit : 1636
Examiner : K. Katcheves

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Commissioner for Patents
Washington, D.C. 20231

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AMENDMENT AND RESPONSE

This communication is in response to the Office action mailed April 8, 2002. Please amend the application as follows:

In the specification:

Replace the paragraph beginning at page 79, line 22 with the following rewritten paragraph:

Cu --The degenerate oligos DVO1197 (5' GTG-CGN-AAR-GAR-GTN-NTN-AAR-YT 3' (SEQ ID NO:166) for the N terminal amino acid sequence VRKEVLKL (SEQ ID NO:167)) and DVO1198 (5' AAC-YTT-NGW-RAA-RTC-YTT-DAT-RAA 3' (SEQ ID NO:168) for the C terminal amino acid sequence VKSFDKIF (SEQ ID NO:169)) were used to amplify the Xiong/Eickbush plant retrovirus reverse transcriptase domain from genomic DNA of the following plants: New sequences were obtained from Nicotiana tabacum (Tobacco), Platanus occidentalis (Sycamore), Gossypium hirsutum (Cotton), Lycopersicon esculentum (Tomato) Solanum tuberosum (Potato), Oryza satvia (Rice), Triticum aestivum (Wheat), Hordeum vulgare (Barley), Sorghum bicolor (Sorghum), Avena sativa (Oat), Secale cereale (Rye). No sequence was obtained fro Pinus coulteri (Big-cone pine), Zea mays (Corn), Zea mays subspecies

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

July 8, 2002

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